ACADEMY NEWSLETTER

California Academy of Sciences

November 1988

November Members' Meetings

Michael K. Nichols

Dr. Bernie Krause records the Mountain Gorillas

A Month with the Mountain Gorillas

The Mountain Gorillas inhabit some of the most remote mountain regions of Central Africa. On Wednesday, November 16 at 2:00 and 7:30 p.m. and Thursday, November 17 at 7:30 p.m., Dr. Bernie Krause shares his experiences with these fascinating primates in his Members' Meetings presentations, "A Month with the Mountain Gorillas."

Dr. Krause travelled to Central Africa with photographer Nick Nichols and spent over a month recording the sounds of the gorillas' world. The trip was in preparation for an exhibit of Nick Nichols' photography entitled "Gorilla," which will be on display at the Academy, beginning January 14 through April 30. Dr. Krause's recording work will comprise the sound component of the exhibit.

In his presentation, Dr. Krause will introduce us to environmental sound with a presentation on acoustics in the environment, explaining the effects of sound on our lives and the animals around us. He will describe the difficulties he encountered in obtaining high-quality recordings of the gorillas, from formidable terrain and weather to the encroachment of the sounds of man surrounding the gorillas' habitat.

On December 14 and 15, Dr. John McCosker, Director of the Academy's Steinhart Aquarium, will present "Sea Monsters: Real and Imagined." The Academy Store will be open before and after Dr. Krause's evening lectures.

Morrison Planetarium Presents Music Under the Stars

Josep Henriquez

The 1988 Fall Concert Series in the Academy's Morrison Planetarium features classical music, performed under the starry skies of the planetarium dome. On Tuesday, November 15 at 8:00 p.m. guitarist Josep Henriquez will perform a program of works by Spanish and South American composers. Henriquez ranks among today's finest exponents of classical guitar. He has played throughout Europe, Israel, the USSR, Africa, Canada, the U.S. and Central and South America. His musical personality and instrumental technique have earned him an international reputation. Henriquez was a pupil of Graciano Tarrago and Eduardo Sainz de la Maza and holds a Ph.D. in music from the Conservatorio Municipal de Musica de Barcelona.

The final concert of the series features pianist Betty Woo on December 6. Acclaimed by critics and composers alike for her interpretation of contemporary music, Betty Woo has performed many world and West Coast premieres of piano works by such composers as Dan Kingman, Richard Swift, Andrew Imbrie and Donald Martino. Born in Hong Kong, Ms. Woo received her training at Mills College, UC Berkeley, Holy Names College and the Royal Academy of Music in London.

All concerts begin at 8:00 p.m. Tickets are $6 for members and $8 for non-members. To purchase tickets, send a check and a self-addressed, stamped envelope to Morrison Planetarium, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. For more information call (415) 750-7129.

Adult Education

Warm up this chilly season with exciting courses through the Academy's Adult Education program. It's not too late to get in on the action! Here's a list of several courses that still have openings.

Mendocino Mushrooming
December 2 – 4
A special adventure to the beautiful Mendocino coast and its lush green glades in search of fungi with Dr. Robert T. Orr, our favorite mycologist.

Micro-minerals Workshop
November 10 and 17
A new course on collecting and mounting mineral thumbnail mounts and micro-mounts, and an introduction to the fascinating world of small minerals.

The Planets
November 16 – December 17
Join us in Morrison Planetarium for a detailed look at the planets in our solar system, includes a "planet party" at our observatory at Pepperwood Ranch.

Backyard Birds and Christmas Counts
December 5 and 12 Class
December 10 Fieldtrip
At last, a course on bird identification designed especially for those of you who feed the birds in your yard. We'll also discuss the largest wildlife census in the world.

For more information on these classes contact the Adult Education Office at (415) 750-7100.

Roll Up Your Sleeves

Volunteers are needed to help on the Run to the Far Side IV on Sunday, November 27. Whether you are a veteran run volunteer or a novice, we have a job for you. All volunteers are guaranteed a T-shirt and an exciting day of fun. To sign up as a volunteer call The Run Office at (415) 750-7144.

Egyptian Textiles

The Academy is pleased to announce the publication of *Looms and Textiles of the Copts: First Millennium Egyptian Textiles in the Carl Austin Rietz Collection of the California Academy of Sciences* by Dr. Diane Lee Carroll. The significance of these textiles to the history and art of these early Egyptians is a fascinating study. Dr. Carrol describes how events shaped the lives and thinking of the people who once owned them. Even the most common motifs of Coptic textiles reflect the rich and complex historical influences of Greek, Egytpian and Roman sources.

Published by the California Academy of Sciences. 1988. 208 pages. Cloth; $24.95 (prepaid). Members receive 10% discount. 6.5% sales tax in CA. Send orders to: Scientific Publications, California Academy of Sciences, Golden Gate Park, SF, CA. 94118.

Exploring Papua New Guinea Lectures

The major traveling exhibition, "River of Mystery: The Sepik River of Papua New Guinea," on display in Lovell White Hall through November 27, gives visitors to the Academy the opportunity to see more than 160 ceremonial objects from this remote river region.

In conjunction with the exhibition, visitors will also have the chance to learn more about this intriguing area and its people through a lecture series, "Exploring Papua New Guinea." The lectures will be held in the Morrison Auditorium at 7:30 p.m.

Tuesday, November 1 – **Anthropology and the Puzzle of Cannibalism: Images of the Cannibal and Acts of Cannibalism among the Bimin-Kuskusmin of the West Sepik of Papua New Guinea.** Dr. Fitz John Poole, Department of Anthropology, UC San Diego.

This lecture will explore some key issues in how anthropologists make sense of the intertwined cultural, psychological, and social aspects of the phenomenon of cannibalism.

Thursday, November 10 – **Gender Rituals: Coming of Age in Papua New Guinea.** Dr. Nancy Lutkehaus, Department of Anthropology, University of Southern California. Elaborate rites of passage - often involving dramatic masked performances for the public or secret ceremonies prohibited to the uninitiated — marking the social attainment of adulthood for males and females, have been prominent features of many societies in New Guinea, especially in the Sepik region.

Ticket Order Form — Exploring Papua New Guinea

Name _____

Address _____

City _____ Zip _____

Daytime phone _____

Enclosed is a check payable to the California Academy of Sciences for:

_____ member tickets at $5
_____ guest tickets at $6

No refunds/No exchanges

Please indicate which lectures you are interested in when purchasing tickets.

Please send this form, your check and a self-addressed, stamped envelope to:

The Special Programs Office
California Academy of Sciences
Golden Gate Park
San Francisco, CA 94118
For more information call 750-7217.

Fellows Elect New Trustees

Seven new trustees were elected to the Academy's board at the annual Fellows meeting in October. They are:

Dr. William A. Clemens, Chairman of the Department of Paleontology and Director of the Museum of Paleontology at the University of California at Berkeley; **Richard A. Dumke**, Chairman of the Board of Round Table Pizza, Inc.; **H.J. Haynes**, former chairman of the board and CEO of Chevron Corporation; **Sandra L. Linder**, past president of the Docent Council of the California Academy of Sciences; San Francisco artist, **Lucy Matzger**; **Tsuneo Tanaka**, President, Hitachi America, Ltd.; and **Richard Thieriot**, editor and publisher of the *San Francisco Chronicle.*

Four members of the Board, with a combined 73 years of service to the Academy, resign the Board and become Honorary Trustees at this time. They are George Jewett, Jr., Rudolph A. Peterson, Thomas Tilton and Phyllis Wattis. F. Warren Hellman, leaves the board after four years of service to join the Academy's Advisory Council.

Share Your Academy!

Give a gift membership that lasts all year. Beat the holiday rush and order now. Memberships are available in five categories: Individual $35; Family $40; Student $25; Senior $20; and Senior Couple $25. Call in your order with your Visa or Mastercard at the Academy's Membership Office (415) 750- 7111. Or send a check with information on who to send the gift membership to and how you would like the gift card signed. Mail to: Membership Office, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118.

West Coast Premiere of "Everest: The Mystery of Mallory and Irvine"

Sue Giller

David Breashears, Cinematographer and Producer

The Academy of Sciences is pleased to present the West Coast premiere of the new historical documentary, "Everest: The Mystery of Mallory and Irvine," on Tuesday November 15 at 7:30 p.m. The film explores the mysterious disappearance of George Mallory and Andrew Irvine, last seen above the clouds and "going strong for the top," just below the summit in 1924. The film combines modern footage from a 1986 Everest Expedition that recreated routes from the initial attempts on the mountain with archival footage from the 1922 and 1924 expeditions.

George Mallory was one of the first to fall under the spell of Mt. Everest after it was discovered as the tallest of all mountains barely more than a hundred years ago. When asked "Why climb Everest?" he answered with that now immortal phrase, "Because it's there." Featuring interviews with significant members of Mallory's team, the story traces the route of Mallory and Irvine with letters, diaries and accounts, and addresses the controversial theories, evidence and possibilities surrounding the question: Did Mallory and Irvine make it to the top of Everest after disappearing up into the mountain mists and legend?

An Arcturus Film in association with BBC Northwest, "Everest: the Mystery of Mallory and Irvine" has been called the best historical climbing film ever made. We are fortunate to have producers David Breashears and Andrew Harvard with us for the screening. A reception follows the screening, sponsored by InnerAsia Expeditions, Inc. and the Mondavi Winery.

Ticket Order Form — Film Premiere of "Everest"

Name _____

Address _____

City _____ Zip _____

Daytime phone _____

Enclosed is a check payable to the California Academy of Sciences for:

_____ member tickets at $5
_____ guest tickets at $6

Please send this form, your check and a self-addressed, stamped envelope to:

The Special Programs Office
California Academy of Sciences
Golden Gate Park
San Francisco, CA 94118
For more information call 750-7217.

No refunds/No exchanges

SORRY, SOLD OUT

Young Audiences of the Bay Area

Vaudeville Nouveau

With funding from the Mckesson Foundation, Young Audiences of the Bay Area is pleased to sponsor another series of performing arts programs for children, taking place one Sunday every month through June 1989. These lively performances are designed to introduce young people to the world of music, dance, poetry, opera and theater. Performances take place at 1:00 p.m. in the Morrison Auditorium and are free after regular admission to the museum.

On November 27, Vaudeville Nouveau presents a show of juggling, acrobatics, comedy and zany stunts, highlighting an unforgettable era (1870-1930) of American comedy.

Free First Wednesdays

On the first Wednesday of every month the Academy is open free to the public from 10 a.m. to 8:45 p.m. Every month the Academy celebrates Free First Wednesdays with a different evening program. Free First Wednesdays are made possible by a grant from Mrs. Marriner S. Eccles with funding for musical entertainment from Jeffery W. Meyer, Chairman of the Board of Trustees.

On November 2 from 5:00 to 8:00 p.m., the theme is Wild California, with special programs of Science in Action, tours of the new hall, traditional Pomo Indian dances by the Coyote Valley Dancers, bluegrass music by the Good Old Persons, and refreshments at the Wild and Wooly Bar.

The World Awaits

Dr. James Kelley leads his expedition to shore

Let an Academy scientist lead you to a foreign shore! The destination might be almost anywhere on the globe, and your leader will offer special insights to the world around you. Academy Expeditions in 1989 offer a busy schedule of wild and wonderful tours across the globe.

The Academy Invites You to Participate in a Historic Expedition to Baja California January 7-18, 1989.

1989 marks the centenary of the Academy of Science's first expedition to Baja California. In celebration of the centenary, we invite you to join Dr. James C. Kelley, President of the Academy, on a tour exploring the many natural wonders of this captivating region.

We will sail from Manzanillo aboard the comfortable *Polaris* to visit the incredible islands of the Sea of Cortez. The spectacle of hundreds of thousands of sea birds during the winter nesting adds special significance to the enduring magic of the area. We will visit several of these beautiful islands, each with its own indigenous flora and fauna. Then we will travel up the Pacific Coast of the peninsula to visit other breeding colonies, including the grey whale calving grounds of San Ignacio Lagoon and the elephant seals of the San Benitos Islands.

Come and relive some of the history of early Baja exploration, from Hernan Cortez and Junipera Serra to John Steinbeck and Ed Ricketts.

Costs range from $2970 to $3960. For information, please call the Academy Travel Office at (415) 750-7217.

Academy Expeditions

Antarctica and the Falkland Islands
January 9–25
Leader: Dr. John McCosker

Tanzania Tenting Safari
January 26–February 11
Leader: Beth Dunbar
Filled – Waiting list only

Guatemala
Heartland of the Ancient Maya
March 31–April 15
Leader: Dr. Peter Mathews

Costa Rica
March 28–April 8
Leader: Dr. Frank Almeda

The Silk Road
April 30–May 24
Leader: Nancy Pickford

Mongolia and Siberia
June 8–July 1
Filled – Waiting list only

Foods of France
June 17–July 2

Greenland and the Canadian Arctic
July 26–August 9
Leader: Dr. James Kelley

Canada: Prairies and Peaks
August 2–13

Caravans of Central Asia: Samarkand, Tashkent, Bukhara
September 9–22

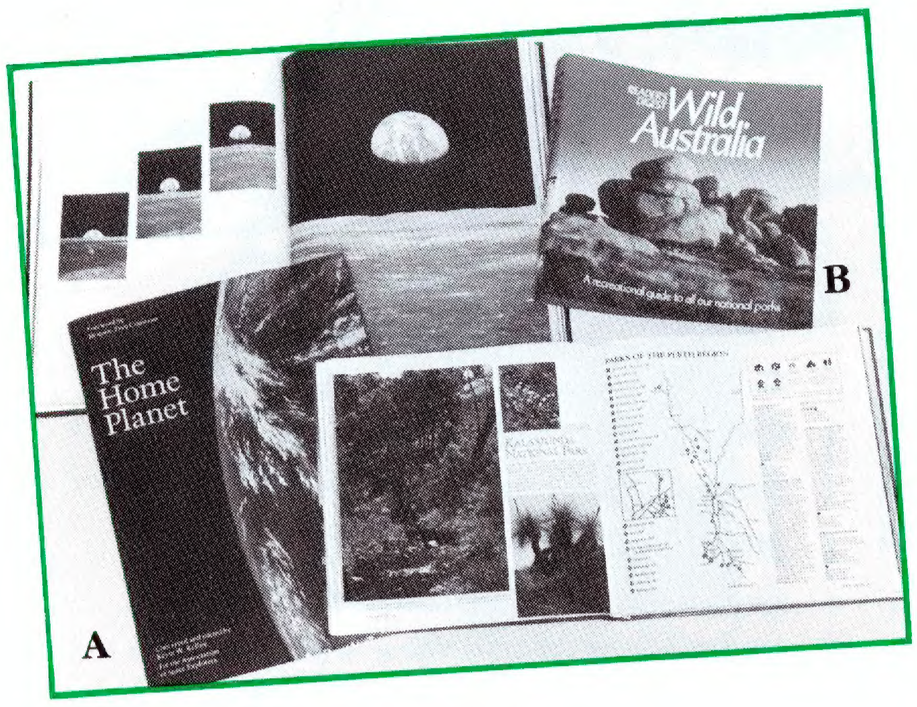
Namibia and Botswana: A Safari
September 11–29

New Zealand, Tasmania, and Australia
September 27–October 17
Leader: Dr. Frank H. Talbot

For information on Academy expeditions call the Academy's Travel Office at (415)750-7222.

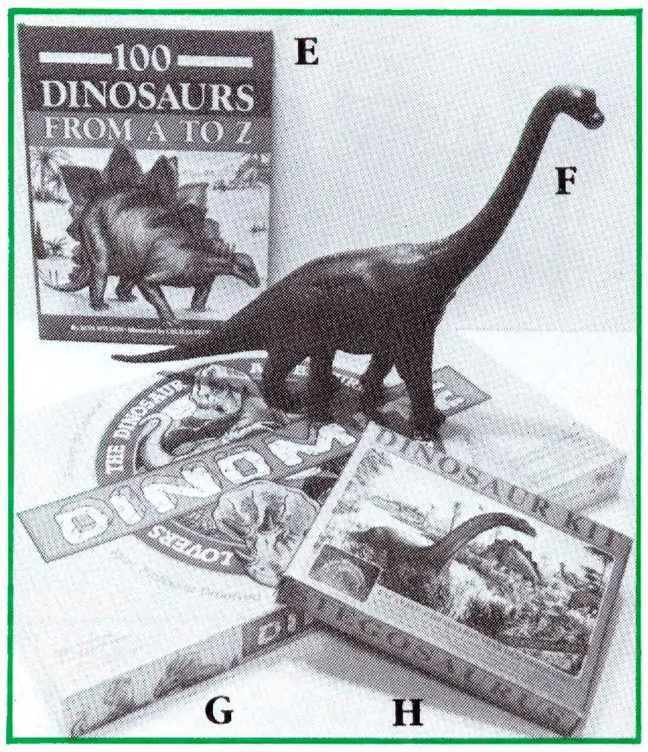
THE ACADEMY STORE

Ties it together for the Holidays!



A. *The Home Planet*
"I suddenly experienced the universe as intelligent, loving and harmonious." This and other quotes coupled with dazzling photographs are stunning and provocative 39.95

B. *Wild Australia*
A beautiful as well as practical exploration of Australia's national parks. 40 maps and over 700 colour photographs make this book a must for natural history lovers 39.95



E. *100 Dinosaurs From A to Z*
Colorful and informative reference of our prehistoric friends 9.95

F. Brachiosaurus, from our collection of British Museum replica models (approx. 11″ tall) 13.00

G. *Dinomite,* the dinosaur adventure game invented by 10 year old Joshua White will enchant and educate school age children 13.95

H. Dinosaurs for the digging! *Dinosaur Kit,* an excavation and restoration project for children and adults alike 10.95

J. Thousand Flowers designs will delight the fish lover and reel in compliments! Colorful enamel on sterling silver. Choose from:

Circlefish earrings in blue/turq, pink/wht 22.00

Seahorse earrings in turq, pink or white 27.00

Snipefish earrings in white, aqua, grey or yellow 24.00

Striped angelfish earrings in wht/blk, pink/blk or blue/turq 27.00

C. Be Off the Wall each day of 1989 with the Gary Larson wall calendar 7.95

D. Keep your appointments more enjoyably with the new desk calendar 8.95

I. Fabulous fish clock drawn from the fish at the Steinhart! 11″ diameter and battery operated 54.95

K. *Humphrey the Lost Whale*
Lost and found in San Francisco Bay! This is the true story of Humphrey the Humpback whale's adventures as told by Wendy Tokuda 12.95

L. *The Eyewitness Books* contain superbly realistic photographs that will enrich your understanding. Choose from *Rocks & Minerals, Bird, Skeleton, Tree, Pond and River,* and *Butterfly & Moth* each 12.95

To insure delivery by Christmas—orders must be received by Dec. 5th. Shipping in Continental U.S. only.

Thank you for your purchases, as always the proceeds are used to support the museum.

M. Gorilla in our Midst! Adopt Koko, our cuddly plush gorilla by Dakin 70.00

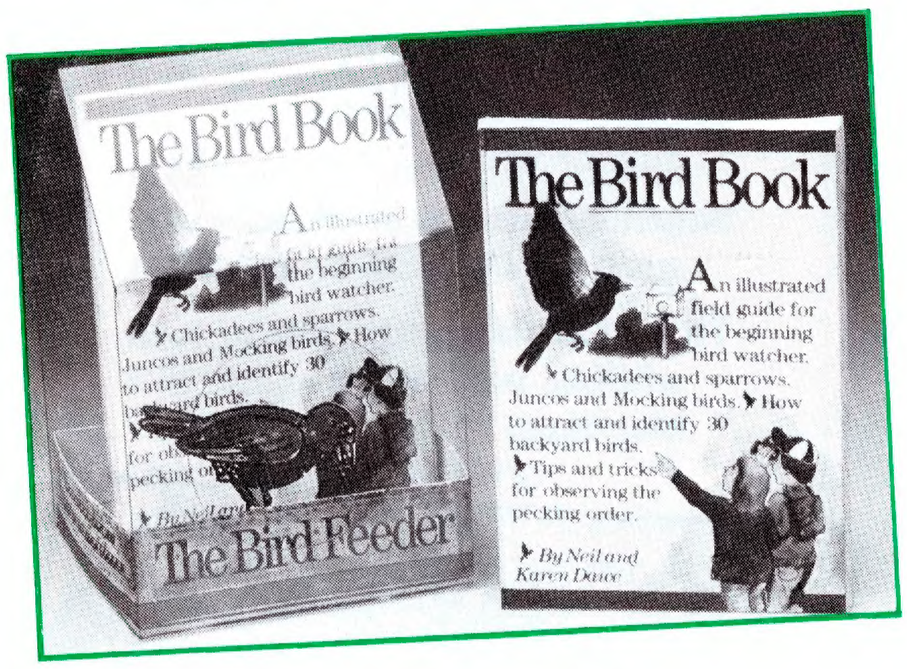
N. *Gorilla, Struggle for Survival in the Virungas.* This book previews our upcoming winter exhibit at the Academy 29.95

O. *Gorillas in the Mist* by Dian Fossey
Read this amazing story and you will enjoy the movie even more! 8.95

R. Listen to the sounds of silence. Set of four *Sounds of Nature* tapes includes: Sea, Mountain Stream, Thunderstorm, and Dawn & Dusk. Gift packed at 39.95.

S. Free-spirited nature designs delicately tamed by Wildbryde ©1988. All styles 14kt gold electroplated over brass.

Hummingbird pin	27.00
Hummingbird earrings	21.00
Double humpback whale pin	27.00
Triple whale earrings	22.00



P. Unique idea for an all-in-one gift! Lucite bird feeder and *The Bird Book* will get the beginning bird watcher started 9.95

Q. One size fits all! Four colorful fish mugs with a wrap-around design, made especially for us and beautifully boxed for the easiest gift giving 21.95

T. The Academy penguin t-shirt comes in 100% cotton. Adult sizes S-M-L-XL 11.95

U. Clownfish t-shirt in red cotton/poly, childrens sizes XS (2-4), S (6-8), M (10-12), L (14-16) 8.95

V. Early vegetarians t-shirt by Gary Larson. Wear wacky humor in 100% cotton. Adult sizes S-M-L-XL 13.95

W. Coral Reef t-shirts designed exclusively for The Academy Store by local artist Dan Gilbert. Adult sizes in black, S-M-L-XL, 100% cotton 15.00

X. Our own Logo shirt is sure to please Academy fans! 100% cotton in adult sizes S-M-L-XL 11.95

Y. Heavy canvas tote bags with inside pocket. Choose Logo or penguin 12.95

Wattis Foundation Donates $1 Million to the Academy

Susan Middleton

Phyllis Wattis with Academy Director Dr. Frank Talbot

Phyllis Wattis, President of the Paul L. and Phyllis Wattis Foundation, has dissolved her foundation and distributed all of its assets — totaling more than $26 million — to organizations around the Bay Area. Mrs. Wattis has donated $1 million to the Academy of Sciences to endow the Traditional Arts programs, a weekly series of performances and demonstrations of native cultures, as well as the Academy's Scientific Symposia. In 1973, Mrs. Wattis also provided $1 million as the lead gift for Wattis Hall, the Academy's hall of anthropology, which has been delighting museum visitors since it opened in 1976 with displays of indigenous cultures from around the world.

Traditional Arts in November

Harmonics Steel Band

Debra Netsky

With a lively folk tune or a demonstration of centuries-old handicrafts, the Traditional Arts Programs bring the cultures of the world to Wattis Hall every Saturday at 1:00 p.m. Bay Area residents who are keeping alive aspects of their native cultures share these traditions with museum visitors in entertaining, informal presentations. Traditional Arts programs are offered free to visitors to the Academy.

November 5 – Redmond O'Colonies, Anne Lore and Richard Koldewyn present a musical program focusing on British seasonal celebrations and folklore associated with Mischief Night (or Hallomas Eve, October 31) and Guy Fawkes Night (November 15) — a time for village bonfires and fireworks in memory of the 1605 Gunpowder Plot when infamous conspirators tried to blow up the Houses of Parliament.

November 12 – Dick Bagwell takes us back to Elizabethan England with his merry tunes on tabor and pipe, and a few tall tales, jokes and jigs in the manner of sixteenth century one-man bands.

November 19 – Exemplifying the spirit of Trinidad and Tobago, master pianist Harry Best and the Harmonics Steel Band perform indigenous calypsos, or kaisos.

November 26 – The unique sounds and rhythms of the Islands come alive with the Kapalakiko Hawaiian Band playing a selection of traditional melodies, including *hapa-haole* favorites, on ukeleles and guitars.

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583
Time Dated Material
Please Expedite

November at the Academy

1 Exploring Papua New Guinea lecture 7:30 p.m.
2 Free First Wednesday — Wild California
5 Traditional Arts — British music 1:00 p.m.
10 Exploring Papua New Guinea lecture 7:30 p.m.
12 Traditional Arts — Elizabethan music 1:00 p.m.
15 Film Premiere "Everest: The Mystery of Mallory and Irvine" 7:30 p.m.
15 Planetarium Concert — Josep Henriquez 8:00 p.m.
16 Members' Meetings — A Month with the Mountain Gorillas 2 and 7:30 p.m.
17 Members' Meeting 7:30 p.m.
19 Traditional Arts — Caribbean music 1:00 p.m.
26 Traditional Arts — Hawaiian music 1:00 p.m.
27 Last day of "Atmospheres" in Morrison Planetarium
27 Run to the Far Side IV 9:00 a.m.
27 Young Audiences — Vaudeville Nouveau 1:00 p.m.

THE CALIFORNIA ACADEMY OF SCIENCES PRESENTS
RUN TO THE FAR SIDE IV
10K RUN AND RACE WALK • 5K FUN RUN (OR STROLL)
SUNDAY, NOVEMBER 27, 1988 • 9:00 A.M.

Join us again as we lace up our shoes and Run to the Far Side! This year's run will again clothe great runners and Gary Larson fans in another long-sleeved T-shirt — sure to be a collector's item. There are eight divisions for men and women in the 10K Run and three in the Run and Walk. 5K runners and walkers can also dress like their favorite Far Side character and win a prize, and the admiration of everyone who sees them. This year there's a new category — a 10K Race Walk. Fees are $12 if received by November 20 or $15 on race day. Entry forms are available at the Information Desk of the Academy, or by calling the Academy Run Office at (415) 750-7144.

Looking Ahead to December

1 "The Christmas Star" opens in Morrison Planetarium
14 Members' Meetings — "Sea Monsters" 2:00 and 7:30 p.m.
15 Members' Meetings — 7:30 p.m.
17 "Sliding Toward Extinction" — Photographs by Susan Middleton opens